FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

Summary Information

Permit No: F00140367-A **Type of Permit:** FILMING **Release Date:** 08/06/2018

Production Company RIVER BEND PRODUCTIONS

Insured Company Name RIVER BEND PRODUCTIONS
Contact Phone No. 1 323-230-4430
Contact Phone No. 2
Fax
Address 6565 SUNSET BLVD, SUITE 300
LOS ANGELES, California 90028

Production Title BIRDBOX

Type of Production Feature

Producer Dylan Clark

Director Susanne Bier

1st AD Mark Cotone

Production Manager Clayton Townsend

FilmL.A. Coordinator Hans Groszkruger

Location Manager brian o'neill
Primary Phone Mobile - 323-646-8334
Secondary Phone Office - 323-230-4430

Location Assistant Caitlin McCarty
Primary Phone Mobile - 586-913-6159
Secondary Phone

Fees

Total Permit Fee $0.00

Number of Locations 1

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Summary Information — Location

Permit Number	F00140367-A	**Location Manager**	brian o'neill
Production Company	RIVER BEND PRODUCTIONS	Primary Phone	Mobile - 323-646-8334
Insured Company	RIVER BEND PRODUCTIONS	Secondary Phone	Office - 323-230-4430
Production Title	BIRDBOX		

Location Address 304 N Canyon Blvd, Monrovia, CA, 91016

Location Type Private Residence

Prep Dates 8/5/2018 - 8/5/2018 07:00 - 19:00 1 day

Film Dates 8/6/2018 - 8/6/2018 09:00 - 02:00 1 day

Strike Dates 8/7/2018 - 8/8/2018 07:00 - 19:00

Open or Closed to the Public Closed

Generic Conditions
Community Survey Obtained
FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity
FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
FAA (UAS): UAS Operator must conform with all FAA Regulations
Must Maintain 5' Clearance on Sidewalks/Walkways
No cast or crew parking on area streets
Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and the public.
Traffic control must be done in accordance w/MUTCD
Traffic Officers Required
Uniformed officers shall have a copy of the film permit in their possession and are required to confirm that all traffic control signage devices are in place.

Please see attached document Film LA UAS_Birdbox Monrovia August 2018.pdf

Equipment on Location

Type	Quantity
10 Ton Truck	3
5 or 10 ton trucks	4
Cast/Crew vehicles	100

Personnel on Location

Type	Quantity
Cast	10
Crew	80

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Summary Information — Location

Permit Number F00140367-A
Production Company RIVER BEND PRODUCTIONS
Insured Company RIVER BEND PRODUCTIONS
Production Title BIRDBOX

Location Manager brian o'neill
Primary Phone Mobile - 323-646-8334
Secondary Phone Office - 323-230-4430

Catering Truck	1
Cube Trucks	3
Generator	1
Honey Wagons	1
Portable restrooms	1
Scissor Lifts	1
Semi Trucks	3
Stakebed Trucks	3
Vans	6

Filming Activities Aerial Photography with remote control aircraft. (UAS); Atmospheric Smoke Effects; Drive ups & away; Equipment on property; Equipment on sidewalk & street; Equipment on sidewalk, in curb lane & across street; Exterior establishing shots; Interior and exterior dialogue; Intermittent pedestrian control; Intermittent traffic control - 2 minutes standard; Precision driving (within or below posted speed limit only); Walk & Talk ; BG In street ; Stunt driving within closure ; Camera, cast, crew, BG, and equipment on property, sidewalk, curb lane, street, and across the street ; day & night drone work - 3 condors - 10 picture vehicles on the street within the closures; Prep 8/3 7a-7p;

Jurisdiction **Political:** City of Monrovia **Police:** Monrovia Police Department **Fire:** Monrovia Fire Department

Coordinator Note FILM LA MONITOR REQUIRED. 8/6; 2100-0200 HOURS.

Coordinator Note 4 officers required 8/6 12pm to 2am

Coordinator Note RIDER A - ADDS DRONE ACTIVITY.

Parking

Base Camp 285 W Huntington Dr, Arcadia, CA, 91007
Location Type : Other Location

Crew Parking 285 W Huntington Dr, Arcadia, CA, 91007
Location Type : Other Location

Parking Notes
Santa Anita Race Track

Trailers: St. Luke's Episcopal Church - 122 S. California Av

NOT A PERMIT

Permit #F00140367-A

UAS QUESTIONNAIRE

(FOR MORE THAN 2 LOCATIONS, PLEASE USE AN ADDITIONAL FORM)

FilmL.A. Permit #:

Film Date: August 6, 2018

Production Title: Birdbox

Production Company: River Bend Productions, LLC

Hours of UAS Activity: Day & Night Shooting

Location Address: 304 N Canyon Blvd, Monrovia, CA

Hours of UAS Activity:

Location Address #2:

UAS Company Name: Astraeus Aerial, LLC

UAS ON LOCATION INFORMATION

1 Primary, 2 Backup UAS

UAS Make & Model: DJI Inspire 2

UAS "N" # or registration #: FA3CWEXL3F

UAS Make & Model: DJI Inspire 2

UAS "N" # or registration #: FA37HKNYRW

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ■ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS PILOT WILL BE OPERATING UNDER: ☐ 333 EXEMPTION ■ PART 107

333 EXEMPTION REQUIREMENTS

Name of Pilot in Command:

Pilot's Phone #:

Name of Visual Observer:

Visual Observer's Phone #:

PLEASE PROVIDE THE FOLLOWING:

- Copy of COA or Blanket COA
- Copy of POA with proof of submission to local FSDO
- Copy of Pilot's License

PART 107 REQUIREMENTS

Name of Remote Pilot: Corey Gineris

Certificate #: 3927618

Remote Pilot Phone #: 562-686-3839

Visual Observer: ■ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of UAS Registration Certificate for each UAS listed above
- Description of Planned Operations

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A.

☐ Flight over non-participants (§107.39)

☐ Flight altitude restrictions (§107.51)

■ Night Flight (§107.29)

☐ Operating from a moving vehicle (§107.25)

☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

333 EXEMPTION

☐ INSURANCE ☐ PILOT'S LICENSE
☐ COA ☐ POA
☐ 315 TO LAFD ☐ VISUAL OBSERVER

PART 107 CERTIFICATE

☐ INSURANCE ☐ WAIVERS
☐ 315 TO LAFD ☐ DESCRIPTION OF OPS.
☐ REMOTE PILOT CERTIFICATE ☐ ATC COORDINATOR NOTE
☐ UAS REGISTRATION CERTIFICATE(S)

NOT A PERMIT

Permit #F00140367-A

I **UNITED STATES OF AMERICA** XI

DEPARTMENT OF TRANSPORTATION ▪ FEDERAL AVIATION ADMINISTRATION

IV NAME

COREY MICHAEL GINERIS

V ADDRESS 29660 MAMMOTH LN
SANTA CLARITA CA 91387-6232

U
A
S

VI NATIONALITY USA	SEX	HEIGHT	WEIGHT	HAIR	EYES
IVa D.O.B. 16 AUG 1994	M	69	185	BROWN	BROWN

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II **REMOTE PILOT**

III CERTIFICATE NUMBER **3927618**

X DATE OF ISSUE 11 OCT 2016

XIV

VIII ADMINISTRATOR

NOT A PERMIT

Small UAS Certificate of Registration

Name: Astraeus Aerial LLC

Manufacturer: DJI

Model: Inspire 2

Serial Number: 09YDE3T0041346

Certificate Number: FA3CWEXL3F

Issued: 11/20/2017 Expires: 11/20/2020

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Inspire E

Federal Aviation Administration

Small UAS Certificate of Registration

Name: Astraeus Aerial LLC

Manufacturer: DJI

Model: Inspire 2

Serial Number: EJ270917355013

Certificate Number: FA37HKNYRW

Issued: 01/13/2018 Expires: 01/13/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Inspire F

Federal Aviation Administration

NOT A PERMIT

ASTRAEUS
AERIAL CINEMA SYSTEM

PLAN OF ACTIVITY

For Part 107 sUAS Image-Capture Operations

Prepared by: Hal Winer **Phone: (914) 523-6044**

PRODUCTION, EPISODE/NUMBER:
Netflix Bird Box

PRODUCTION COMPANY, CONTACT:
River Bend Productions, LLC, Selena Carrillo, Production Supervisor 323-499-4593

DATES AND TIMES OF OPERATION:
August 6, 2018 Day and Night operations

MAKE, MODEL, AND REGISTRATION NUMBER OF UAS(S) TO BE USED:
DJI Inspire 2 Pair FA3CWEXL3F & FA37HKNYRW

REMOTE PILOT(S):
Corey Gineris, cell (562) 686-3839

VISUAL OBSERVER/ON-SCENE FLIGHT CREW CONTACT:
Travis Samson, cell (206) 604-2212

LOCATION:		***LOCATION:***		***LOCATION:***	
304 N. Canyon Blvd. Monrovia, CA 91016					
LAT/LONG:	***OPS RADIUS:***	***LAT/LONG:***	***OPS RADIUS:***	***LAT/LONG:***	***OPS RADIUS:***
34.1569683 - 117.9967877	1 NM				
ELEVATION:	***ALTITUDES:***	***ELEVATION:***	***ALTITUDES:***	***ELEVATION:***	***ALTITUDES:***
571' MSL	Surface to 400' AGL				
NEAREST AIRPORT:		***NEAREST AIRPORT:***		***NEAREST AIRPORT:***	
4233 Santa Anita Ave, El Monte, CA 91731					

AIRSPACE:
B ☐ C ☐ D ☐ E ☐ G ☒

AIRSPACE AUTHORIZATION (Part 107.41):
None required ☒ Number:

CERTIFICATE OF WAIVER
None required ☐ Number: 107W-2016-00601A for 107.31 (FPV), attached

PROHIBITED OR RESTRICTED AIRSPACE
No ☒ Authorized by: Contact info:

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2708 Wilshire Blvd., Ste. 383 Santa Monica, CA 90403 (310) 907-9205

ASTRAEUS
AERIAL CINEMA SYSTEM

***DESCRIPTION OF TERRAIN* (boundaries, natural barriers, critical/sensitive features):**

Intersection of East Greystone Ave. and North Canyon Blvd. in Monrovia, CA. Lightly wooded residential neighborhood.

***LOCATION MANAGER*:**	***OWNER OR SITE REPRESENTATIVE*:**
Brian O'Neill	

***DESCRIPTION OF SHOTS/SHOT LIST*:**

Establishing aerial shots of main character's home, background actors, background cars.

]

SAFETY AND SECURITY PLAN:

This filming location will be closed to non-participants, and UAS operations will take place within a safety perimeter controlled by production and security personnel, with appropriate road closures and/or ITC. Flight operations will be suspended immediately if non-participants enter the safety perimeter, or if any other condition jeopardizes safety of flight. As specified in Part 107.39: operations will only take place over people if they are "located under a covered structure" or inside a "vehicle that can provide reasonable protection from a falling small unmanned aircraft." North/South lockup starts 400ft south of Greystone and end at Prospect. East/West lockup is at May Ave. to eastbound lockup at Hill street.

Class ABC fire extinguishers will be available at all times.

Per the standard established in Astraeus Aerial's Section 333 *Motion Picture and Television Operations Manual*, flight crew will maintain the following:

- Non-essential production personnel will remain a minimum of 100' from flight operations.
- Essential production personnel MAY be permitted less than 100' from flight operations, upon acknowledgement of the risks involved, and only at the discretion of the Flight Crew.

COMMUNICATIONS:

Voice: between PIC and Visual Observer
Radio, Primary Channel: duplex radio intercom used as necessary by Astraeus Aerial personnel
Radio, Secondary Channel: per production

PERSON RESPONSIBLE FOR SAFETY PERIMETER:

Gary Goldman - 1st AD

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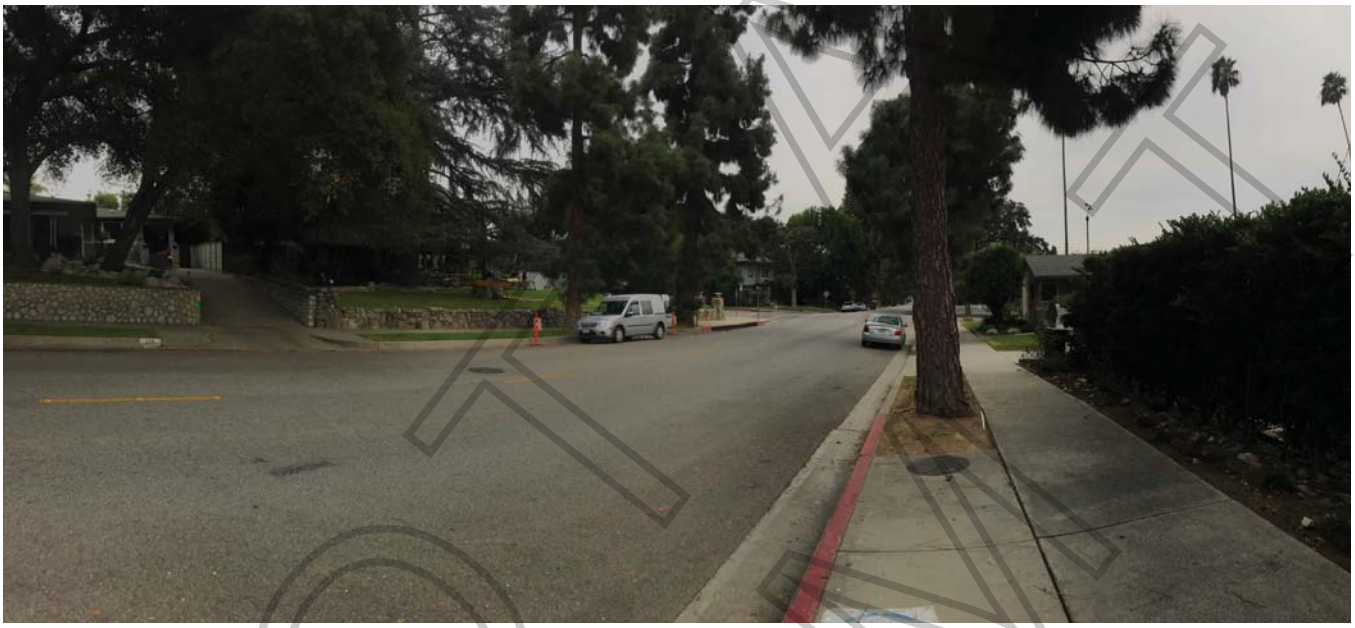
ASTRAEUS
AERIAL CINEMA SYSTEM

LOCATION MAPS/DIAGRAMS



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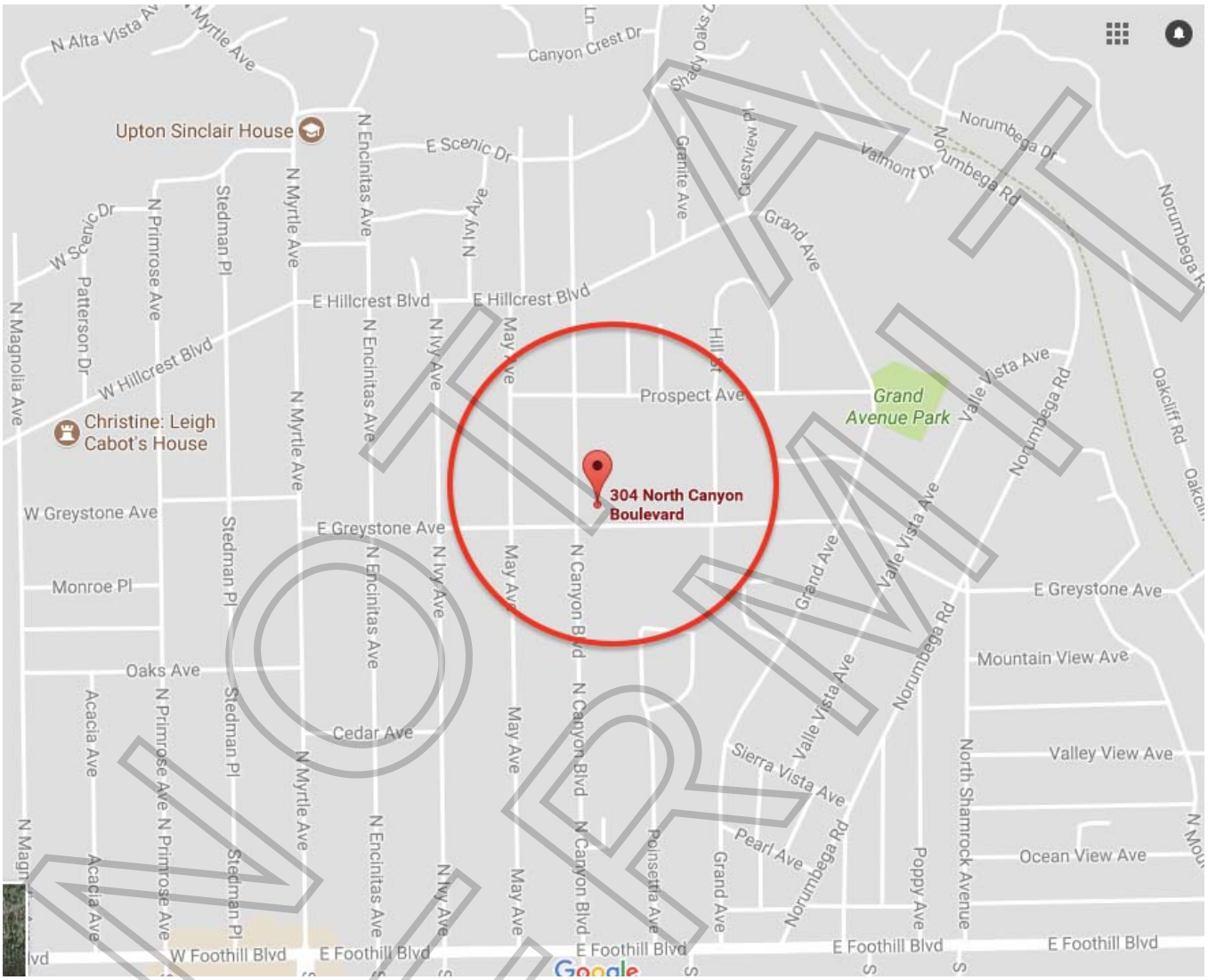
2708 Wilshire Blvd., Ste. 383 Santa Monica, CA 90403 (310) 907-9205

ASTRAEUS
AERIAL CINEMA SYSTEM

LOCATION MAPS/DIAGRAMS



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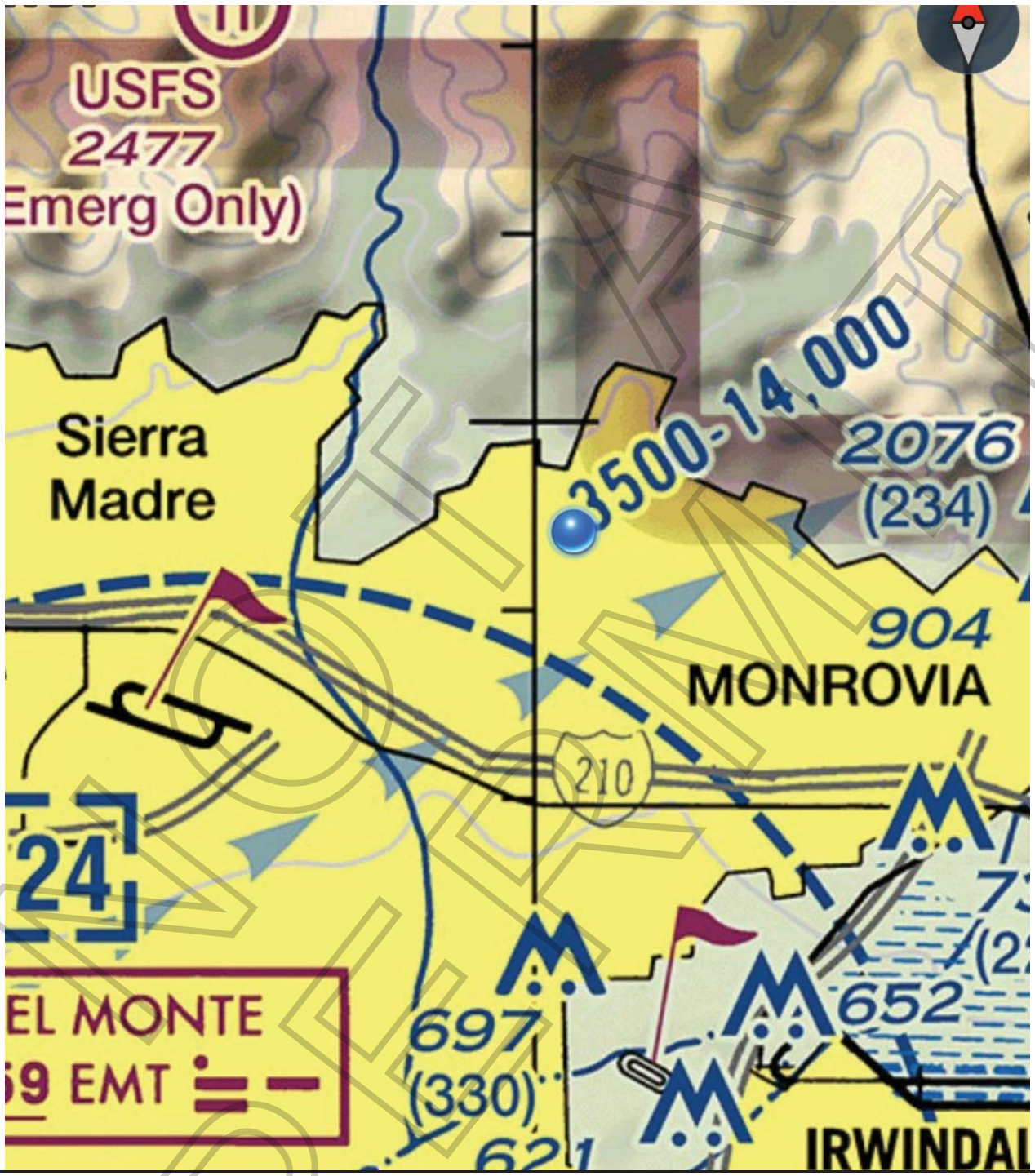
ASTRAEUS
AERIAL CINEMA SYSTEM



PREVIEW

2708 Wilshire Blvd., Ste. 383 Santa Monica, CA 90403 (310) 907-9205

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

Astraeus Aerial
Responsible Person: David Wagreich
Waiver Number: 107W-2016-00601D

ADDRESS –

2708 Wilshire Blvd., Ste. 383
Santa Monica, CA 90403

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small Unmanned Aircraft System (sUAS) operations, first person view in lieu of visual line of sight operations by the remote pilot in command, and operating more than one sUAS at the same time.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.29 Daylight operation
14 CFR § 107.31 Visual line of sight operations
14 CFR § 107.35 Operation of multiple small unmanned aircraft

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions Nos. 1 to 24, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from January 05, 2017 to August 31, 2021 and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

General Aviation and Commercial Division, AFS-800

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FAA Form 7711-1 (7-74) CC:

SPECIAL PROVISIONS ISSUED TO
Astraeus Aerial

General.

This Certificate of Waiver is an amendment which supersedes and replaces Waiver 107W-2016-00601C issued to Astraeus Aerial for operations under 14 CFR 107. Waivers 107W-2017-00901C, 107W-2016-00601B, 107W-2016-00601A, and 107W-2016-00601 are no longer valid.

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200. The Administrator finds that the proposed sUAS operation can be conducted safely under the provisions of this Certificate of Waiver (Waiver) as listed below, because you have established adequate mitigations for risks involved with operating your sUAS in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

This Waiver may be canceled at any time by the Administrator, the person authorized to grant the Waiver, or the representative designated to monitor a specific operation. As a general rule, this Waiver may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with any provision listed below is a violation of the terms of this Waiver and may serve as justification for cancellation.

List of Regulations Waived by Section and Title. The following regulations are waived:

14 CFR § 107.29, Daylight operation, is waived to allow sUAS operations during night.

14 CFR § 107.31, Visual line of sight aircraft operation is waived to the extent necessary to allow the remote pilot in command (PIC) to operate the small unmanned aircraft (sUA) with first person view (FPV), in lieu of visual line of sight, while a second remote pilot, who holds a valid remote pilot certificate under part 107, acts as Visual Observer (VO), and exercises the ability to see the sUA throughout the entire flight.

14 CFR § 107.35 Operation of multiple small unmanned aircraft.

Common Provisions. The Responsible Person is directly responsible for safety of operations conducted under this Waiver and will ensure the remote PIC, manipulator of the controls, and VO complies with all provisions of this Waiver.

1. The Responsible Person listed on the Waiver is responsible to the FAA for the safe conduct of the operations. Prior to conducting operations that are the subject of this Waiver, the responsible person:
   a. Must ensure the remote PIC, manipulators of the controls, and VO are informed on the terms and provisions of this waiver and the strict observance of the terms and provisions herein;
   b. Must ensure the remote PIC, manipulators of the controls, and VO are informed and familiar with part 107 regulations not waived; and
   c. The above must be documented and must be presented for inspection upon request from the Administrator or an authorized representative.

NOT A PERMIT

2. This Waiver must not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA;

3. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air, are in jeopardy or there is a violation of the terms of this Waiver;

4. Operations under this Waiver are to be conducted in Class G airspace only unless specific airspace authorization or Waiver is received from the FAA in accordance with § 107.41;

5. A copy of this Waiver must be available during sUAS operations that are the subject of this Waiver;

6. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

7. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

8. All operations under this Waiver must use one or more VO;

Night sUAS Operations Special Provisions. sUAS operations may be conducted at night, as defined in 14 CFR § 1.1, provided:

9. As described in the Waiver application, the remote PIC and VO must be trained, to recognize and overcome visual illusions caused by darkness, and understand physiological conditions which may degrade night vision prior to conducting operations that are the subject of this Waiver. This training must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

10. The area of operation must be sufficiently illuminated to allow both the remote PIC and VO to identify people or obstacles on the ground, or the remote PIC and VO must conduct a daytime site assessment prior to conducting operations that are the subject of this Waiver, noting any hazards or obstructions;

11. The sUA must be equipped with lighted anti-collision lighting visible from a distance of no less than 3 statute miles. The intensity of the anti-collision lighting may be reduced if, because of operating conditions, it would be in the interest of safety to do so;

NOT A PERMIT

Visual Line of Sight Operations Special Provisions. sUAS operations may be conducted with the remote pilot in command using FPV, in lieu of visual line of sight, provided:

12. At all times, at least one person who holds a remote pilot certificate under part 107 must maintain visual line of sight (VLOS) of the sUA in order to (1) know the sUA's location, (2) determine the sUA's attitude, altitude and direction of flight, (3) observe the airspace for other air traffic or hazards and (4) determine that the sUA does not endanger the life or property of another. The remote pilot maintaining VLOS may act as a required VO while the remote PIC, located within the base station vehicle, uses FPV while manipulating the controls, in lieu of VLOS, to operate the sUA;

13. Communication between the remote PIC and the remote pilot maintaining VLOS, acting as a VO, must allow for the remote PIC to maneuver the sUA with sufficient time to perform necessary maneuvers to avoid other aircraft in accordance with § 107.37, or react to any unforeseen operational or mechanical failure;

14. As described in the waiver application, operations that are the subject of this Waiver must remain within VLOS of the remote pilot, acting as VO, at all times while the remote PIC, located within the base station vehicle, uses FPV while manipulating the controls, in lieu of VLOS, to operate the sUA;

15. As described in the waiver application, prior to and during operations that are the subject of this Waiver, the "override" feature of the sUA must operate properly so that the remote pilot, acting as VO, has continuous control and override capability of the sUA while the remote PIC operates the sUA using FPV;

16. As described in the waiver application, prior to conducting operations that are the subject of this Waiver, the remote PIC and the remote pilot acting as VO must maintain continuous full-duplex voice communication;

17. As described in the waiver application, the remote PIC must fulfill the requirements of § 107.15(a) for all components of the sUAS;

18. All sUA operations conducted in accordance with this Waiver must comply with the manufacturer User Manual, including recommendations and limitations;

Operation of Multiple sUAS Special Provisions. sUAS operations with multiple sUA may be conducted, provided:

19. Prior to conducting operations that are the subject of this Waiver, operational area obstacles and boundaries must be identified so as to avoid collision with, or damage to property;

20. An individual system failure must not interfere with the operation of any other sUA or cause incidents, accidents, or loss of control involving any other sUA that are subject to this Waiver;

NOT A PERMIT

21. As described in the waiver application, operations are only permitted within a location closed to the general public, with a secured perimeter;

22. As described in the waiver application, operations using multiple sUA are limited to not more than 6 sUA at a time and will not exceed 30 knots groundspeed (35 mph);

23. As described in the waiver application, prior to conducting operations that are the subject of this Waiver, the flight controller and the associated flight control system capability for each aircraft, operate properly; and

24. Not less than 24 hours prior to conducting operations that are the subject of this Waiver, a Notice to Airmen (NOTAM) must be filed. The NOTAM must include location, altitude, and/or operating area, time and nature of the activity, and number of sUA flying in the operating area.

NOT A PERMIT